Complete all problems in notebook!!!

HW#18: Translations

Geometry

Due: Tuesday

Failure to show work will result in LaSalle.

|  |  |
| --- | --- |
| 1) U(-1,-3); Translation: 2 units right and 5 units up. | 2) E(1,1); Translation: 5 units left and 1 unit down |
| 3) Graph the triangle ABC with vertices: *A (1, -2), B (1, -4), C (3, -3)*, On the graph, label the coordinates of the vertices if the triangle is translated 3 units up and 6 units to the left. | |
| 4) Write the equation of the line  *f(x) = 5x + ½* if the line is translated down the y-axis 4 units. | 5) Suppose the line *h(x) is parallel to the line g(x).* If *g(x) = - ½ x + 45*, what is one possible equation for *h(x)*?  Justify your answer in at least 1 complete sentence. |



Flip 🡪

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For each question below, justify your answer in at least 1 complete sentence.

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| Macintosh HD:Users:katleiahramos:Desktop:Coordinate Geometry ACT:Screen Shot 2015-09-27 at 12.38.24 PM.png6) | Macintosh HD:Users:katleiahramos:Desktop:Coordinate Geometry ACT:Screen Shot 2015-09-27 at 12.42.35 PM.png7. |

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